

Table S1: Primers used for RT-qPCR

Systematic gene name^a	Primers	Oligonucleotide
YFL039C	ACT1-F ACT1-R	GGGTTTGGAAATCTGCC CCACCAATCCAGACGGAG
YBR120C	CBP6-F CBP6-R	TAATTAACAGAACTTCCGGTCCA TACCGTCAACGGCATTATTAAC
YBR197C	YBR197C-F YBR197C-R	TTCCACCAACAGAAGGAAATCTA GAGTGCATTGTTATACGGCTACC
YNL300W	TOS6-F TOS6-R	CTCTACTCTCTCCACCGTTGCT GTGGTGTTAGCTTGGCTACTGAT
YML027W	YOX1-F YOX1-R	ATCACCAAGCTTCACTAATCCAA TCGTGTGATTCATCAACTGTTTC
YMR199W	CLN1-F CLN1-R	CTAATCAAGATCAAGGCCCTTTT CTATTGTAGAGGCCAGTTGCAGT
YPL256C	CLN2-F CLN2-R	TATGTGGTAGCACCGTTAGTGTG TCCATGGTTAATGAAGCTTGTCT
YHR147C	MRPL6-F MRPL6-R	TAGGTGTTACTGAGGGGCATCT CTCTGGTGGATGGAATTTTCTC
YBL078C	ATG8-F ATG8-R	CCGTAGGGCAATTTGTTTATGT ACAAAACCCGTCCTTATCCTT
YDR533C	HSP31-F HSP31-R	CAAGACCGGTGTTTTTGTGTA AATTTGGTAATCATCGGCATTC
YPR036W	VMA13-F VMA13-R	CCGTGATACCAGAGTATCGTGA AAACTGGGTAAAGGTCAGCAA
YDR194C	MSS116-F MSS116-R	ATTAGGTTTGAGCCGTAGTCCA ACGGTTCGTCATCGTAATCTCT
YPL171C	OYE3-F OYE3-R	TTTAGCCATCCATGATTGTCAG GATAGAATTCTTAGCCGCATGG
YHR094C	HXT1-F HXT1-R	CCAGCCATGTTTCAACGTACTA GGTCAACGGTGTACAGAGAACA
YNR014W	YNR014W-F YNR014W-R	TCACTACTGCCCTCTTCTAGGC GTACGAGACGGACCTTTTCATC

Table S1 continued.....

Systematic gene name	Primers	Oligonucleotide
YNL108C	HUF1-F HUF1-R	ACCGGTATTGATAACGATGTCC CTCCTACACCACGATCGACATA
YCL009C	ILV6-F ILV6-R	AACACCGAGGTCAAAGACCTAA CTGGCCATCACTAGCTCTCTTT
YKL089W	MIF2-F MIF2-R	GTAGAAGAGGAGGCTGAGGTGA ATGTCAAGAACGGGTTTATTGG
YDR331W	GPI8-F GPI8-R	AGGCTGTTAACGGATAGATGGA TTTTCGTACATTTGCTGGAATG
YNL186W	UBP10-F UBP10-R	AAACTTGGGTTCTCCATTAGCA CAGAAATTTTGGAGCTGGAATC
YMR214W	SCJ1-F SCJ1-R	TGATCAAGGTCCAGGAAAAACT ACCACACATCTGTTGAATCTGC
YHR137W	ARO9-F ARO9-R	ACAGAGAGTCCCAGGGTATTGA TCAACAATGAGGAAATCGTGTC
YOR387C	YOR387C-F YOR387C-R	ATTGGTGATGCTATGGTTCCTT GGGGTGCTCAAATAACAGAAG
YMR303C	ADH2-F ADH2-R	CATTGTTAGCGCAGTCGTTAAG ACAACGTGGTTGAAGACATCAG
YDL182W	LYS20-F LYS20-R	ACTGCTGCTAAACCAAATCCAT ATGTAGTCCACACCGAAATCGT
YDR342C	HXT7-F HXT7-R	GGGCTGTTTGGTCTTCATGT ACCTCTTCTGGATGGTGGAA

Primers were design using the Primer3 software (version 0.4.0; <http://frodo.wi.mit.edu/primer3/>). Primer specificity was confirmed by melting curve analyses of real-time RT-PCR products (81 cycles of 55°C for 30s).

^aSystematic names and the sequence was used for design of primers were based on *Saccharomyces* Genome Database (<http://www.yeastgenome.org/>).